

Arctic Cat Breaks the Rules

2004 Sno-Pro Unveiled in April 2003!

STAFF REPORT *

Think things are chunging in the sno-moworld? You bet they are, in the past worlde which we've seen the most denoted with a market share percentages in more than a decade, Emission standards have been formalized. 4-storke snowmobets are a really, \$24,000 as obtained the world of snocross noing the; left almost outling on the tuble for their competitors to brag about, Wishout, a Joshis, the success of the Hingeld band noing, REV created of the Hingeld band and REV created and the standard of their 2004. MS. 22.43 pts REV.

In response to this last reality, Arctic Car blew our socks off this April when our FAX machine ground out a press release and haste line drawings covering their radically altered 2004 Sno Fro 440. Never before has Arctic Car (or anyone else) pulled the sheets off top secret race weaponry this early.

Just exactly why would Arctic Cat, so competitive in snocross racing and so secretive about their latest technology reserved for limited build racers, essentially steal their own show by letting specific details go public on a sled bristling with new tech?

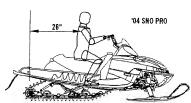
The Answer is Simple Ski-Doo's REV racer was so dominant in

competition last season it became clearer every weekend vou had to race a ruber forward, stand up stownobile to be competitive, Sure, Arctle, Cat. won south races and they ret to be commended for doing so but the writing appeared on the wall very early in the 2001/2003 season. If you wanters to win in stocross, the REV was the best war to do it.

to do it. We have to take our helmets off to Arctic Cut. They're not Interested in the satuus quo. The way things have been done in the past or any written or unwritten rules proclaiming "You can't do it that way. "They knew there was too much potential for \$\$\frac{1}{2}\$\text{Pice Mercw} and \$\$\text{pice Mercw}\$ and \$\$



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The diagrams sent out in April show a new Sno-Pro 440 with the rider moved forward place inches in the seated position. This moves considerable mass to the front and changes the balance point for the sted when it's physiting corners in race situations.

a full stand up design This meant AC would need to resthink the Sno-Pro and massage it's components to morph the package into a full stand-up, rider forward racer.

The stakes here are high Why Every informed observer knows Aretic Cat inevitably sells what they race. The Firecar platform has only seen one year of production and it's tooling can t possibly be paid for yet. If the Third River Falls maker showed a radically aftered

Firecat/Sno-Pro on race tracks this winter. consumers would surely draw a line through this sled and into AC showncome, in other words, buryer would expect a consumer wersion of the new racer in MY 2005. Again, there is much at stake for Arctic Cat as a result of changing their racer so radio and the compounding this risk is the expectations. Which in confidence is not supported by the consumer when the sheeters are pulled off something.

radical way in advance of its introduction Deather could be unsettled by talk of a new style Arcite. Car snowmobile - potentially desirated for consumer consumption. This might mabe good marketing when shownouns are being stocked with 2004 firecasts - deliberately patterned after the current 2005 SnoPro 440

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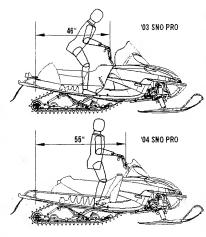
So What's the Big Deal?

Here's what we've seen thus far By the time you read this may the annual ISR Racing Press Conference will have witnessed the unveiling of the actual limited build 410 Sno-Pro for '04 At this writing the Sno-Pro has gone full rider forward. The driver's footrests now sit directly above the front arm snubbers and well ahead of the front swingarm's mounting point on the rails The handlebars are shoved an amazing 9 inches forward and seven inches higher - leaving them sticking right out of the instrument cluster! The tunnel appears widened, deepened and flattened in the footrest area and the seat is now moved way further forward as a result of a new 5 gallon racing fuel tank design. As well, the seat is raised a full six inches to more clearly emulate ergos piocored by the REV.

The 2011 Studies of the three is builted to tipped 2 degrees to improve dree and electrance and to alter from end geometric creating more aggressive turn in 5 something the Frievert based Sno-Pro tas straigged with for two years as a 4 rift. The classappears to use bigger trained guesses and the relevast indicates the curific tubbramed proposed to the proposed of the contraction of the contract of the contraction of the contract of the short will use a new 15 wide chain, thrain? Could be a ringer to throw us off!

Track lug was estable again with the automatement of 1' inch hig track! Wood From suspension shocks are Fox Zero-A, with rebound and compression efficies; The ear and will see unodors generation of Article Caros Link 8 seem wall rebound afficiebility. In a calcular move Arctic Car will throw a From Industries expured native secondary on the 4-th - abundoning their own notifier driven puller developed from season of race track testing.

The 2014 ShoPro receives a claimed 4-5 IP microin from a three port exhust massage and a new pipe to improve low end power. How much can the OEM supecer out of a 4-01, you ask? If this fin is even remotely accurate, the 2011 ShoPro Could approach the 105 HP mark they sear. Keep in mard, that's on 110 octane, \$6,00 per galton more fine!



Moving the rider forward necessitated changes to the steering pole and underthood steering mechanism. The seat and gas tank are also considerably different. Arctic Cat (aims the rider forward layout won't be adapted to consumer steel. We think if it, inevibable; sat not this year.

Most interesting from an aesthetic perspective is the arrival of a crested frond and helly pan for the Suo-Pro While the line drawings shown here clearly displan the current Firecar based houddrift, we think the new dark Suo-Pro may move closer to the RFV's insect-like, pared and shaved look

Deep Thinking

Clearly, the AC heato russ has thought this means a couple of important things are tap pening at Archi, can live, there is a lovel and produce of magnetized the pening at Archi, can live, there is a lovel and to produce competitive race vinning sownmobiles. This underscores a more important realite which ultimately lists at the heart of ACs commitment to the bard with rumblings conting from some corners of the industry the some formation of the pening the pe

profitable place to be right now. Arctic Car is holdly proclaiming the nassners wrong We like that.

Snowmobile racing is a highly competitive sport Selling snowmobiles is a highly competitive business. No less than a 400's commitment to whining in each arena is required in model year 2004.

required in model year 2009.

Realities larged move terri by Arche Cat
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That's about as profound as it gets.